

Search Terms	
1	BLUMENTHAL-ROBERT-N
2	CARBON
3	CARBONS
4	MELVILLE-ANDREAS-T
5	MONOXIDE
6	PARTIAL
7	PARTIALS
8	PRESSURE
9	PRESSURES
10	MONOXIDES
11	((BLUMENTHAL-ROBERT-N.IN.) OR (MELVILLE-ANDREAS-T.IN.)) AND (MONOXIDE SAME PARTIAL SAME CARBON SAME PRESSURE))

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
1	12							
2	1122430							
3	63241							
4	12							
5	82307							
6	871227							
7	562							
8	3064297							
9	327632							
10	606							
11	2	1	1	0	0	0	0	

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040006435 A1	20040108	20	Systems and methods for controlling the activity of carbon in heat treating atmospheres	702/23
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6591215 B1	20030708	20	Systems and methods for controlling the activity of carbon in heat treating atmospheres	702/130

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1			Blumenthal, Robert N. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040006435	<input type="checkbox"/>
2	266/80; 702/136		Blumenthal, Robert N et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6591215	<input type="checkbox"/>

Search Terms	
1	ACTIVITIES
2	ACTIVITY
3	ANNEALED
4	ANNEALING
5	ANNEALINGS
6	ANNEALLED
7	CARBON
8	CARBONS
9	FURNACE
10	FURNACES
11	MONOXIDE
12	MONOXIDES
13	OXYGEN
14	OXYGENS
15	PARTIAL
16	PARTIALS
17	PRESSURE
18	PRESSURES
19	SPHERODISE
20	SPHERODISES
21	SPHERODIZE
22	SPHERODIZES
23	STEEL
24	STEELS
25	TEMP
26	TEMPERATURE
27	TEMPERATURES
28	TEMPS
29	ACTIVITS
30	(((((MONOXIDE SAME CARBON SAME PRESSURE) AND (PARTIAL SAME OXYGEN SAME TEMPERATURE)) AND (ACTIVITY SAME CARBON)) AND (SPHERODIZE OR ANNEALLED OR ANNEALED OR ANNEALING OR FURNACE OR STEEL))

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
1	181402							
2	739137							
3	82235							
4	143515							
5	464							
6	213							
7	1122430							
8	63241							
9	348294							
10	51812							
11	82307							
12	606							
13	682986							
14	3986							
15	871227							
16	562							
17	3064297							
18	327632							
19	2							
20	8							
21	47							
22	8							
23	1274042							
24	36992							
25	779393							
26	2507301							
27	717873							
28	79539							
29	20							
30	92	71	20	0	0	1	0	

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040023797 A1	20040205	10	Hydrothermal pretreatment for increasing average pore size in a catalyst support	502/325
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040006435 A1	20040108	20	Systems and methods for controlling the activity of carbon in heat treating atmospheres	702/23
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040005270 A1	20040108	11	Stabilized nickel-containing catalysts and process for production of syngas	423/651
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040001994 A1	20040101		Cerium-modified doped strontium titanate compositions for solid oxide fuel cell anodes and electrodes for other electrochemical devices	429/40
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030235745 A1	20031225		Fuel cell stacking and sealing	429/35
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030180215 A1	20030925		Controlled-pore catalyst structures and process for producing synthesis gas	423/651
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030176001 A1	20030918		Single crystalline aluminum nitride film, method of forming the same, base substrate for group III element nitride film, light emitting device and surface acoustic wave device	428/22
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030166984 A1	20030904		Method for catalytic dehydrogenation of hydrocarbons using carbon dioxide as a soft oxidant	585/444
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030165424 A1	20030904		Promoted nickel-magnesium oxide catalysts and process for producing synthesis gas	423/651
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030162989 A1	20030828		Method of separating and recovering aromatic carbonate and production process	558/270
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030153632 A1	20030814		Selective removal of oxygen from syngas	518/703
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030144130 A1	20030731		Supported catalyst activation	502/38
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030103892 A1	20030605		Promoted cobalt-chromium oxide catalysts on lanthanide-modified supports and process for producing synthesis gas	423/651
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030096880 A1	20030522		Combustion deposited metal-metal oxide catalysts and process for producing synthesis gas	518/714
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030007926 A1	20030109		Metal catalyst and method of preparation and use	423/651
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020177628 A1	20021128		Nickel-rhodium based catalysts for synthesis gas production	518/703
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020115730 A1	20020822		Lanthanide-promoted rhodium catalysts and process for producing synthesis gas	518/703

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	423/651; 502/439		Wang, Daxiang et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040023797	<input type="checkbox"/>
2			Blumenthal, Robert N. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040006435	<input type="checkbox"/>
3	502/302; 502/330		Xu, Bang C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040005270	<input type="checkbox"/>
4	429/30; 502/101		Marina, Olga A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
5	429/17; 429/32; 429/38		Mook, Gary A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
6	502/302; 502/328		Niu, Tianyan et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
7			Fukuyama, Hiroyuki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
8	585/445		Park, Sang-Eon et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
9	502/328		Ramani, Sriram et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
10			Ohashi, Kenji E et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
11			Wang, Daxiang et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
12			Clark, Janet Renee et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
13	502/302		Niu, Tianyan et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
14	423/651; 502/162; 502/304; 502/325; 518/715		Wang, Daxiang et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
15	502/304		Jiang, Weibin et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
16	502/259; 502/337		Gaffney, Anne M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
17			Allison, Joe D. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>



	U	1	Document ID	Issue Date	Pages	Title	Current OR
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020012624 A1	20020131		Bulk nickel alloy catalysts and process for production of syngas	423/418.2
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020002794 A1	20020110		Graded nickel alloy catalyst beds and process for production of syngas	48/197R
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020000539 A1	20020103		Bulk nickel catalysts and processes for the production of syngas	252/373
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6591215 B1	20030708	20	Systems and methods for controlling the activity of carbon in heat treating atmospheres	702/130
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6521783 B1	20030218		Processes for preparing oxygenates	560/232
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6409940 B1	20020625		Nickel-rhodium based catalysts and process for preparing synthesis gas	252/373
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6402988 B1	20020611		Process for producing a syngas	252/373
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6307093 B1	20011023		Organic compounds and processes for their manufacture	560/129
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6221280 B1	20010424		Catalytic partial oxidation of hydrocarbon fuels to hydrogen and carbon monoxide	252/372

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
18	420/441; 423/651; 427/216; 502/337		Figueroa, Juan C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
19	48/198.1; 48/198.7		Figueroa, Juan C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
20	423/418.2; 423/651; 502/337		Gaffney, Anne M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
21	266/80; 702/136		Blumenthal, Robert N et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6591215	<input type="checkbox"/>
22	560/114; 560/206; 560/233; 560/97; 562/406; 562/483; 562/497; 562/517; 562/519; 562/890; 562/891; 568/909		Wegman, Richard William et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
23	423/418.2; 423/648.1; 423/650; 423/651		Gaffney, Anne M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
24	423/418.2; 423/650; 423/651; 423/652		Gottzmann, Christian Friedrich et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
25	252/68; 508/116; 508/485; 524/298; 560/263; 560/76; 562/512; 568/448		Godwin, Allen David et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
26	252/373; 429/12; 429/13		Anumakonda, Anarendra et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6214066 B1	20010410		Synthesis gas production by ion transport membranes	48/198.2
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6139810 A	20001031		Tube and shell reactor with oxygen selective ion transport ceramic reaction tubes	422/197
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6090986 A	20000718		Organic compounds and processes for their manufacture	568/451
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6085015 A	20000704		Lithium insertion electrode materials based on orthosilicate derivatives	385/140
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6077323 A	20000620		Synthesis gas production by ion transport membranes	48/198.1
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5874639 A	19990223		Metal-ligand complex catalyzed processes	568/454
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5767321 A	19980616		Metal-ligand complex catalyzed processes	568/454
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5763670 A	19980609		Hydroformylation processes	568/454
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5512599 A	19960430		Process for the production of methanol	518/703

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
27	422/239; 423/245.3; 423/418.2; 423/651; 48/127.5; 48/198.1; 95/45; 95/54		Nataraj, Shankar et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
28	422/201; 422/205; 422/211; 422/239; 422/240; 96/8		Gottzmann, Christian Friedrich et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
29	560/247; 562/512; 562/517; 562/523; 568/447; 568/454; 568/885		Godwin, Allen David et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
30	385/141; 429/221; 429/223; 429/224		Ammand, Michel et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
31	252/373; 422/235; 422/239; 423/245.3; 423/418.2; 48/127.5; 48/127.7; 48/198.3; 95/45; 95/54		Nataraj, Shankar et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
32	568/451		Nicholson, James Clair et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
33	568/451		Billig, Ernst et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
34	568/451		Billig, Ernst et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
35			Hiranatsu, Yasushi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5466363 A	19951114		Integrated process for hydrotreating heavy oil, then manufacturing an alloy or steel using a carbon-based catalyst	208/251H
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5405986 A	19950411		Catalyst and method for producing carbonic diesters	558/270
38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5364950 A	19941115		Process for stabilizing phosphite ligands in hydroformylation reaction mixtures	556/2
39	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5351029 A	19940927		Sensor for determining carbon monoxide	338/34
40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5288918 A	19940222		Hydroformylation process	568/454
41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5080872 A	19920114		Temperature regulating reactor apparatus and method	422/201
42	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5043517 A	19910827		Upgrading light olefin fuel gas in a fluidized bed catalyst reactor and regeneration of the catalyst	585/533
43	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5030440 A	19910709		Hydrogen production	423/655
44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4890821 A	19900102		Metallurgical processes	266/267
45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4827075 A	19890502		Catalysts	585/671
46	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4810286 A	19890307		Method for reducing dissolved oxygen and carbon contents in molten steel	75/510
47	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4778826 A	19881018		Conversion of a lower alkane	518/703
48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4772378 A	19880920		Process for thermal cracking of heavy oil	208/107
49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4767792 A	19880830		Process for catalytically converting a carbon monoxide-and hydrogen-containing feed stream into hydrocarbons	518/721
50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4731486 A	19880315		Hydroformylation using low volatile phosphine ligands	568/454
51	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4716250 A	19871229		Hydroformylation using low volatile/organic soluble phosphine ligands	568/454
52	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4666880 A	19870519		Catalysts	502/302

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
36	208/253; 208/307; 208/52CT; 420/129; 420/590; 48/198.2		Audeh, Costandi A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
37	558/271; 558/272; 558/273; 558/274; 558/277		Oda, Shingo et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
38	558/71; 568/429; 568/444; 568/454		Babin, James E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
39	422/90		Huth, Gerhard et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
40	558/71; 568/451		Maier, John M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
41	422/148; 422/211		Jezl, James L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
42	502/42; 502/44; 585/520		Haddad, James H. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
43	252/373; 423/652; 423/656		Lywood, Warwick J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
44	266/280		Nixon, Ivor G.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
45			Baker, Bruce G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
46	75/511		Schlichting, Mark R. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
47	518/715		Jezl, James L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
48	208/127; 208/130		Miyachi, Terukatsu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
49			Baker, Bruce G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
50	568/451		Abatoglou, Anthony G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
51			Abatoglou, Anthony G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
52	518/721		Baker, Bruce G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
53	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4654458 A	1987/0331		Conversion of a lower alkane	585/500
54	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4614638 A	1986/0930		Process for producing sintered ferrous alloys	419/39
55	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4610975 A	1986/0909		Catalysts and methods of their manufacture	502/302
56	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4575394 A	1986/0311		Metallurgical processes	75/414
57	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4574714 A	1986/0311		Destruction of toxic chemicals	588/201

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
	208/950; 518/702; 518/703; 585/415; 585/634; 585/635; 585/943		Jezl, James L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
53	419/19; 419/54; 419/57; 419/58; 419/59		Kuroishi, Nobuhito et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
54	502/303; 502/304; 502/305; 502/323; 502/439; 518/721; 585/671		Baker, Bruce G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
55	266/44; 75/530		Nixon, Ivor G.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
56	110/238; 110/250; 110/346; 201/11; 202/219; 266/222; 422/186.21; 423/437.1; 423/481; 48/197R; 588/200; 588/209; 588/213; 588/220; 588/224; 588/234; 588/236; 588/900		Bach, Robert D. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
57												



	U	1	Document ID	Issue Date	Pages	Title	Current OR
58	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4560804 A	19851224		Catalytic process for the manufacture of ketones	568/408
59	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4554150 A	19851119		Detector grade mercuric iodide	117/84
60	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4531973 A	19850730		Metallurgical processes	75/10.41
61	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4512802 A	19850423		Process for the decarburization of molten metal	75/540
62	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4500727 A	19850219		Process for producing methyl lactate	560/179
63	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4450241 A	19840522		Endothermic removal of coke deposited on catalytic materials during carbo-metallic oil conversion	502/34
64	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4425259 A	19840110		Endothermic removal of coke deposited on catalytic materials during carbo-metallic oil conversion	502/74
65	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4412914 A	19831101		Endothermic removal of coke deposited on sorbent materials during carbo-metallic oil conversion	208/253

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
58	568/309;		Yeh, Chuen Y. et al.									<input type="checkbox"/>
	568/320;											
	568/360;											
	568/361;											
	568/365;											
59	568/400;		Whelan, James M.									<input type="checkbox"/>
	568/401;											
	568/403;											
	568/404;											
	568/69;											
60	568/899;		Nixon, Ivor G.									<input type="checkbox"/>
	568/900											
61	423/107; 423/491		Whelan, James M.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
62	75/549; 75/553		Nixon, Ivor G.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
63	75/543		Tohge, Takeya	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
64	560/217;		Kitamura, Takanori et al.									<input type="checkbox"/>
	560/233;											
	560/238;											
	560/248;											
	560/266											
65	208/113;		Hettinger, Jr., William P. et al.									<input type="checkbox"/>
	208/120.1;											
	208/120.15;											
	208/120.2;											
	208/120.35;											
66	502/241;		Hettinger, Jr., William P. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
	502/242;											
	502/244;											
	502/247;											
	502/255;											
67	502/84		Hettinger, Jr., William P. et al.									<input type="checkbox"/>
	502/38; 502/52			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

	U	1	Document ID	Issue Date	Pages	Title	Current OR
66	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4381993 A	19830503		Process for treating hydrocarbon feedstocks with CO and H sub 2 O in the presence of steam stable catalysts	208/217
67	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4293403 A	19811006		Catalyst demetallization by converting the metal poisons to a sulfur containing metal compound having a defined low amount of sulfur	208/120.01
68	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4288062 A	19810908		Apparatus for control and monitoring of the carbon potential of an atmosphere in a heat-processing furnace	266/88
69	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4265868 A	19810505		Production of carbon monoxide by the gasification of carbonaceous materials	423/418.2
70	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4242105 A	19801230		Process for producing methane from gas streams containing carbon monoxide and hydrogen	48/197R
71	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4229234 A	19801021		Passivated, particulate high Curie temperature magnetic alloys	148/105
72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4188206 A	19800212		Metallurgical process	75/529
73	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4142061 A	19790227		Hydroformylation of olefins using azoxy-dentated ligands	568/909
74	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4139565 A	19790213		Hydroformylation using improved catalysts comprising rhodium and diphosphino ligands	568/454

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
66	208/243; 208/244; 208/251H; 208/253; 208/254H; 208/260; 208/292; 502/208		Nevitt, Thomas D.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
67	208/113; 423/150.2; 423/68; 502/22; 502/51; 502/521		Burk, Jr., Emmett H. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
68	250/345; 266/80; 266/81; 73/19.07		Gupta, Bhupendra K. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
69	252/373; 48/197R; 48/203; 48/210		Kanody, John F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
70	423/248; 518/715; 585/733		Frost, Albert C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
71	148/277; 502/242; 502/259; 502/260; 502/303; 502/308; 502/313; 502/314; 502/332; 502/335; 75/348		Krutenat, Richard C. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
72	420/71; 75/557		Johnsson, Mans K. O. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
73			Wilkes, John B.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
74			Unruh, Jerry D. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
75	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4096191 A	19780620		Hydroformylation of olefins using azoxy-dentated ligands	568/909
76	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4086963 A	19780502		Method of oxidizing hydrogen sulfide	166/259
77	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4086962 A	19780502		Decreasing hydrogen sulfide concentration of a gas	166/259
78	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4082146 A	19780404		Low temperature oxidation of hydrogen sulfide in the presence of oil shale	166/259
79	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4065371 A	19771227		Electrochemical carbon meter	204/433
80	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4029497 A	19770614		Manufacture of alloy steels and ferrous alloys	420/415
81	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4021233 A	19770503		Metallurgical process	75/557
82	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3981823 A	19760921		Regeneration of iridium-containing catalysts	502/37
83	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3946794 A	19760330		Method for producing fine diameter wire from steel-titanium melts	164/462
84	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3884289 A	19750520		Inviscid spinning of silicon steel	164/463
85	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3870481 A	19750311		Method for production of synthetic natural gas from crude oil	48/213
86	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3867135 A	19750218		METALLURGICAL PROCESS	75/529
87	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3844770 A	19741029		MANUFACTURE OF STEEL AND FERROUS ALLOYS	75/529

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
75	423/417; 568/455		Wilkes, John B.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
76	166/266; 166/270.2; 299/2; 423/224; 423/244.03		Compton, Leslie E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
77	166/266; 166/270.2; 299/2; 423/224; 423/244.03; 423/244.08		Cha, Chang Yul	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
78	166/266; 166/270.1; 299/2; 423/224; 423/242.2; 423/244.08		Compton, Leslie E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
79	204/427		Rodges, Douglas Noss et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
80	420/119; 75/505; 75/528		Nixon, Ivor Gray	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
81	75/626; 75/628		Johnsson, Mans Klas Olof et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
82	208/140		Yates, David J. C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
83	164/423; 164/475		Rakestraw, Lawrence F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
84			Rakestraw, Lawrence F.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
85	48/197R; 48/214A		Hegarty, William P.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
86	75/557		Johnsson, Hans Klas Olof et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
87	75/549; 75/559		Nixon, Ivor Gray	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
88	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3816720 A	19740611		PROCESS FOR THE DECARBURIZATION OF MOLTEN METAL	75/382
89	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3754895 A	19730828		PROCESS FOR DECARBURIZATION OF STEELS	75/382
90	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3737517 A	19730605		METHOD FOR REDUCING OXYGEN COMPOUNDS	423/560
91	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3709669 A	19730109		METHANE PRODUCTION	48/215
92	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6591215 B	20030708		Heat treating system for steel part, includes heat treating furnace, communicating mechanisms, and processor	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
88	266/80; 266/83; 700/271; 700/29; 700/36; 700/68; 75/384; 75/557		Bauer, Edwin Francis et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
89			Ramachandran, Sundaresan et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
90	423/566		Urban, Peter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
91	252/373; 48/214R; 518/703; 518/705; 518/717		Marion, Charles P. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
92			BLUMENTHAL, R N et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>